Appendix C

USACE Data Classes

1.   General

The Data Classes represent a high level categorization of all the Corps' data into areas or classes of information. The purpose of such categorization is to define the overall data architecture of the Corps and its major Divisions and Directorates, and correlate them with a similar data architecture prepared at the Army level. Each of these high level data classes is a collection of the entities describing the real people, places, things, or events that the Corps maintains in its data models. A data model is more detailed than a data architecture and provides the specifics for building actual databases.

2.   Policy

This data class includes all policies, regulations, and laws promulgated by the Executive Department, other Governmental agencies, Congress, office of the Secretary of Defense (OSD), and DA (Department of the Army) that impact OCE (Office of the Chief of Engineers).

3.   Strategy, Goals, Objectives

This data class is a record of the documented purpose, goals, objectives priorities, and action plans for obtaining USACE objectives as approved by the Chief of Engineers.

4.   Command Performance Analysis

This data class is a record of all those data associated with analyzing the performance of those programs and activities selected for specific Commands, USACE.

5.   Audits and Reviews

This data class is the collection of audits and reviews of USACE activities. It includes data collected, reports, and status of follow-on activities to connect audit and review findings.

6.   Inspections

This data class is the set of records of inspections conducted by USACE, higher authorities, or other agencies.

7.   Efficiency Improvements

This data class is a record of all data and cross references to efficiency improvement activities managed or conducted by USACE.

8.   Organization

This data class is a record of the missions, organizations, structure and functions for the Corps Worldwide operation.

9.   Stationing Analysis

This data class contains the general items of data from external sources necessary for determination of facilities requirements. It consists of standards, priorities, and the specifics concerning where, what, how much and for what purpose facilities must be provided It will be used in conjunction with

data on existing facilities to evaluate, predict, and develop stationing proposals and the resulting facilities requirements.

10. Army Facilities Budget

This data class is the compilation of financial and other data to form programs and budgets for Army facilities. It consists of standards, priorities, guidance, and the specifics regarding resources to support facilities, real estate, construction, and operation/maintenance throughout the Army.

11. Civil Works Budget

This data class is the composite of financial and other data for the budgeting of Civil Works activities, including feasibility studies, design, construction, operations and maintenance, and research. The data class consists of priorities, guidance, budget documents and other information related to establishing program requirements for Civil Works, except manpower.

12. Command Operating Budget

This data class is the composite of financial and other data assembled to form the basis for managing the O&M Army (OMA) and Other Procurement Army (OPA) appropriations which support US ACE. It consists of standards, priorities, guidance, and specifics regarding funding to support USACE command operations.

13. Military RDT&E Budget

This data class is the composite of financial and other data for the development of the Military Research Development Test and Evaluation (RDT&E) program and budget. It consists of priorities and resources necessary to develop and implement the program.

14. R&D Project Status

This data class consists of data derived from special and routine reports that describe the status of research effort

15. Personnel Sustainment

This data class is comprised of information about personnel sustainment data to include reclassification of branch transfer, incentives, performance evaluation, counseling, reenlistment, competitive voluntary indefinite, RA integration, promotion, professional development, employee/management relations, labor relations, suggestion program, incentive awards, and union membership.

16. Agreements

This data class establishes a relationship that involves US ACE as a principal participant.

17. Environmental

This data class consists of the environmental protection and enhancement studies.

18.   **Civil Works Planning Studies**

This data class consists of information and analysis of planning activities involving land, facilities, water, and natural resources at Civil Works projects.

19.   **Civil Works Operations**

This data class consists of visitation, traffic, utilization, and condition data for the operation and maintenance Civil Works projects.

20.   **Vendor**

This data class is that information relating to industries, professional, and technical organizations capable of providing equipment, materials, or services to USACE.

21.   **Technical Engineering**

This data class is that information which establishes engineering and construction criteria, standards, and techniques, which are to be used by various Corps elements in carrying out their mission.

22.   **Studies**

Special completed or ongoing reports not related to planning studies, environmental data, and efficiency improvements.

23.   **Design Project**

This data class consists of data pertaining to the description and status of Military and Civil Works design projects.

24.   **Construction Project**

This data class includes data pertaining to the civil and military construction activities of USACE.

25.   **Real Property Utilization**

This data class consists of the records associated with the use of real property (land, buildings, and interests therein) of the Army. It includes space management, use of property by others, encroachment management, and management of excess property.

26.   **Property Management**

This data class consists of the standards and records associated with the identification of real property including land, buildings, or interests therein. Included are all records which describe ownership, size or amount, type or other description categorizing the Army's interest including Civil Works.

27.   **Real Estate Acquisition**

This data class consists of standards and records associated with the preparation, review, and use of appraisals for the purpose of real estate acquisition.

28.   **Army Operations and Maintenance**

This data class consists of standards, and records associated with operating and maintaining facilities (including Army housing) throughout the Army. It excludes real property inventory, descriptions, and utilization.

29. Regulatory

This data class includes information about permit applications under the Corps regulatory programs.

30. Emergency Operations Plan

This data class consists of the standards and records associated with preparedness, response, recovery, and mitigation responsibilities resulting from natural and technological hazards, civil disturbances, and natural resource shortages.

31. Emergency Operations Status

This data class consists of information related to the status of ongoing emergency events.

32. Mobilization Plans

This data class consists of the standards and records associated with the development of mobilization plans and the identification of requirements in response to national security threats.

33. Mobilization Status

This data class consists of information related to the status of ongoing exercises.

34. Manpower Requirements

This data class is a record of all manpower specific data concerning requirements and standards.

35. Funding

This data class includes information related to the reporting summarization and recording of all funds received by the Corps of Engineers from any source.

36. Mission Training

This data class includes data necessary to develop and manage organizational training which supports USACE mission requirements.

37. Personnel Accessions

This data class is comprised of information about personnel, both military and civilian, accessed in the Corps of Engineers.

38. Personnel Strength

This data class is comprised of personnel strength information, both military and civilian, within the Corps of Engineers.

39. Employment Opportunity (EEO)

This data class is a set of records related to planning, developing, and monitoring the Command EEO program.

40. Legal

This data class consists of the standards and records associated with advice, assistance, recommendation, and determinations on legal matters. Included are interpretation of statutes and judicial opinions; preparation, analysis, or interpretation of legislation; and representation in litigation.

41.   Security

This data class is a set of records related to the administration and oversight of the security programs.

42.   Contract/Purchase Order

This data class consists of a set of records describing the contract purchase order data for procuring services, equipment, supplies, etc.

43.   Safety

This data class is that information relating to maintaining safe working conditions within the Corps working areas and on the project site during construction and operation for the purpose of preventing death, injury, and property damage. These data include those factors necessary to assure conformance with applicable laws, directives, and regulations.

44.   Public Information

This data class consists of that information used and disseminated by USACE to project a position image to employees, the public, the media, and other government activities.

45.   Administrative Information

This data class is meta-information, or information about where specific information can be found.

46.   Customer

This data class contains data pertaining to those for whom the Corps does work.

47.   Interest Element

This data class includes potential, current, or former individuals or organizations (not a customer, vendor or part of USACE) having an interest in USACE activities.

48.   Internal Regulations, Publications, Other

This data class includes policies, regulations, or publications established by the Corps of Engineers.

49.   Materiel Requirements

This data class pertains to requirements definition for materiel within the USACE.

50.   Materiel Authorizations

This data class pertains to materiel authorizations within the USACE.

51.   Hydrologic

This data class includes information pertaining to the occurrence, circulation, distribution, and properties of the earth and earth's atmosphere.

52.   Climatic

This data class pertains to the historic, current, composite, or generally prevailing weather conditions of a region.

53. Authorizing Documents

This data class pertains to the documents delegating authority to make decisions and/or take action to accomplish a task or project.

54. PRIP Budget

This data class relates to the specially monitored and controlled program called Plant Replacement and Improvement Program (PRIP). It includes formulation, changes thereto, and submission of the "budget" for the plant and equipment requirements of USACE.

55. Law Enforcement

This data class consists of a set of records related to the administration and oversight of the Corps Law Enforcement program.

56. Information Systems Plan

This data class contains all information pertaining to the Corps' Information Management Plan, progress, and any changes thereto. It also includes information describing status, architecture, and system/applications.

57. Civil Works Maintenance

This data class contains information on the ongoing scheduled and backlog of maintenance and repair of Civil Works Projects.

58. Paperwork Management

This data class consists of all information on paperwork management and reduction activities.

59. Investigations

This data class is a set of records of investigations of allegations/complaints of suspected wrongful activities of individual(s) or organization(s) within the Corps of Engineers.

60. Disbursements

This data class pertains to information about payments for obligations incurred as a result of orders placed, contracts awarded, services rendered personnel entitlement made by the Army.

61. Travel

This data class is a set of records and procedures that provide management an oversight of travel regulations, both CONUS and OCONUS.

62. Federal Engineering Budget

This data class consists of agency resource (dollars) and program data (estimated program requirements) collected during the period that agreements are being negotiated. It does not include agreement data (agreements data class) or program data for programs in the execution stage. Federal Engineer Execution data is contained in the civil works or military budget data classes.

63. Family Housing Utilization

This data class consists of a set of records used by HQUSACE and the Assistant Chief of Engineers in coordinating and executing the Army Family Housing Program.

64. Waterborne Commerce Statistics

This data class consists of data related to the origin and destination of all commerce passing through the waterways of the U.S., including inland and coastal waterways. Only destination data is collected for foreign commerce arriving at U.S. ports. Also data included is port facilities data with descriptive physical data about U.S. ports such as number of docks, berthing facilities, channel depths, availability of power, land transportation facilities, etc.

65. Real Estate Disposal

This data class is comprised of standards and records associated with the disposal of real estate.

66. Manpower Authorizations

This data class is a record of all manpower authorizations specific data.

67. Accounting

This data class pertains to the recording, summarization, and reporting of all transactions related to the operations of USACE/OCE.

68. Materiel Maintenance

Maintain equipment, repair parts, and supplies in a serviceable condition through preventive maintenance, repair, and rebuild, using organic, direct support, general support, depot, and contract means.

69. Materiel Acquisition

This data class pertains to records and transactions associated with the acquisition of materiel within the USACE.

70. Materiel Inventory

This data class pertains to the inventory records associated with materiel within the USACE.

71. Materiel Distribution

This data class pertains to records and transactions associated with the distribution of materiel within the USACE.

72. Materiel Disposition

This data class pertains to the disposition of materiel within the USACE.

73. Program/Budget Execution

This data class consists of information about tracking the obligation and expenditures against the resources allocated.

74. Personnel Transitions

This data class is comprised of personnel, both military and civilian, transition information, through voluntary and involuntary means, from the USACE.

75. Planning and Programing

This data class is comprised of projected allocations of resources covering a five (5) year period, coincident with the Department of the Army's Program Objective Memorandum (POM).